

Title (en)

Mobile telecommunications system using distributed miniature zones.

Title (de)

Mobiles Telekommunikationssystem mit verteilten Kleinzonen.

Title (fr)

Système de télécommunications mobiles utilisant des zones miniatures distribuées.

Publication

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Application

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Priority

- EP 89109704 A 19890530
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- JP 14037488 A 19880609
- JP 14037588 A 19880609
- JP 14037688 A 19880609
- JP 14037788 A 19880609
- JP 14037888 A 19880609
- JP 14037988 A 19880609
- JP 14155088 A 19880610
- JP 14155188 A 19880610
- JP 14155388 A 19880610

Abstract (en)

[origin: EP0345601A2] A mobile telecommunications system has multiple base stations (10) each defining a miniature service zone (20) and capable of communicating with mobile stations (16) present in the service zone over a radio link. Geographically associated ones of the base stations (10) are spaced apart from each other by an area in which the mobile stations (16) are not responsive to electromagnetic waves (18) on the radio links, whereby the base stations (10) are allowed to share the same frequency for the electromagnetic waves (18). The base stations (10) are accommodated in an on-road vehicle telecommunications network (22) which switches communications to the base stations (10).

IPC 1-7

H04Q 7/36; H04Q 7/38

IPC 8 full level

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Citation (search report)

- [A] US 4182989 A 19800108 - BABA KOSAKU [JP], et al
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- [A] DR. C. GRAUEL ET AL.: "Im 900-MHz-Band: Von Zelle zu Zelle. Neues Funktelefon am Beispiel erklärt.", FUNKSCHAU, no. 7, MÜNCHEN DE, pages 57 - 59, XP000828313
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- [A] T.GOTO ET AL.: "NATION-WIDE AUTOMOBILE TELEPHONE SERVICE USING NEW TRACKING EXCHANGE TECHNOLOGY", TELECOMMUNICATION SWITCHING. STATE OF THE ART. IMPACT ON NETWORKS AND SERVICES. PROCEEDINGS OF THE INTERNATIONAL SWITCHING SYMPOSIUM ISS'84, vol. 3, 7 May 1984 (1984-05-07) - 11 May 1984 (1984-05-11), FLORENCE IT, pages 32 B 4 1 - 32 B 4 7

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